

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013865**Date Inspected:** 02-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Yang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, M.Manikandan was present during the time noted above for observations relative to the work being performed.

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check along with ABF on U-Rib to check offset for below segment. Reports forwarded to team leader for further action

7CW-7DW

8AE-8BE

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional check along with ABF on longitudinal diaphragm to check offset for web and flange for below segment. Reports forwarded to team leader for further action

7EE-8AE

This QA Inspector randomly observed the following work in progress:

OBG # TRIAL ASSEMBLY YARD (7BW)

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

SMAW Process:

Welding of weld joint – 172 and 173 located on PCMK SSD12A-PP052, Partial diaphragm at 7BW FL3. Welder is identified as 067571. ZPMC CWI is identified as Li Yang. The welding variables recorded by QC appeared to comply with the WPS-B-P-2114-FCM-1.

SMAW Process:

Welding of weld joint – 177 and 178 located on PCMK SSD12A-PP052, Partial diaphragm at 7BW FL3. Welder is identified as 067572. ZPMC CWI is identified as Li Yang. The welding variables recorded by QC appeared to comply with the WPS-B-P-2114-FCM-1.

SMAW Process:

Welding of weld joint – 180 and 181 located on PCMK SSD12A-PP052, Partial diaphragm at 7BW FL3. Welder is identified as 068917. ZPMC CWI is identified as Li Yang. The welding variables recorded by QC appeared to comply with the WPS-B-P-2114-FCM-1.

OBG # TRIAL ASSEMBLY YARD (CB8)

SMAW Process:

Welding of weld joint – 042 located on PCMK SP203-008, CB8. Welder is identified as 067571. ZPMC CWI is identified as Li Yang. The welding variables recorded by QC appeared to comply with the WPS-B-P-2114-FCM-1.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Manikandan,Murugan	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
